

DERWENT- 2003-137255
ACC-NO:

DERWENT- 200313
WEEK:

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Direct light type backlight for combined
use with light guide panel

INVENTOR: CHO, G S; CHOI, E H ; KIM, H S

PATENT- KWANG WOON DISPLAY TECHNOLOGY CO
ASSIGNEE: LTD [KWANN]

PRIORITY-DATA: 2001KR-0011486 (March 6, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR	September	N/A	001	G02F
2002071358	A 12, 2002			001/13357

APPLICATION-DATA:

PUB-NO	APPL- DESCRIPTOR	APPL-NO	APPL-DATE
KR2002071358A	N/A	2001KR- 0011486	March 6, 2001

INT-CL (IPC): G02F001/13357

ABSTRACTED-PUB-NO: KR2002071358A

BASIC-ABSTRACT:

NOVELTY - A direct light type backlight for combined use with a light guide panel is provided to maintain the uniformity of luminance while realizing the light weight backlight by using a diffusion plate, a light guide panel and a reflection plate.

DETAILED DESCRIPTION - A direct light type backlight for combined use with a light guide panel includes a reflection plate(11) having lamp supporting convex surfaces(111) disposed by a uniform interval, flat surfaces(112) horizontally formed at both ends of the lamp supporting convex surfaces with a predetermined length, slant surfaces(113) inclined from end portions of the flat surfaces, a light guide panel(12) disposed on the reflection plate and having lamp grooves at corresponding positions to the lamp supporting convex surfaces and slant surfaces in the complementing shape to the reflection plate, fluorescent lamps(10) disposed in the lamp grooves, and a diffusion plate(13) disposed on the light guide panel.

CHOSEN- Dwg.1/10

DRAWING:

TITLE-TERMS: DIRECT LIGHT TYPE COMBINATION LIGHT
GUIDE PANEL

DERWENT-CLASS: P81 U14 W05

EPI-CODES: U14-K01A4C; W05-E05B;

